

PUBLIC HEALTH STATISTICS
STATE OF
OKLAHOMA
1943



Oklahoma State Health Department
Oklahoma City, Oklahoma
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PUBLIC HEALTH STATISTICS OF OKLAHOMA

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Population

Since the time of the 1940 Census Oklahoma has experienced population shifts of such size and irregularity that reliable post census estimates could not be made by any of the usual procedures. Ration Book IV registrants as of January 1, 1944, numbered 2,027,842 revealing a loss of 306,592 inhabitants to other states and to the armed forces since April 1, 1940. The loss of population in the state experienced between 1940 and 1940 was accelerated in wartime years with only six counties -- Cleveland, Comanche, Mayes, Oklahoma, Tulsa, and Tillman -- showing an increase over the 1940 Census figure. These all contain war activity areas and have attracted industrial workers and families of service men.

In determining estimates used in this report, it was assumed that migration began in 1940 with the mobilization of the National Guard and the development of national defense industries. The 1943 estimates therefore are based on an arithmetic interpolation between the 1940 Census and the January 1, 1944, ration book registration by county and do not include military personnel stationed within or outside the state.

Allocation for Residence

For purposes of this report deaths of persons resident of other states and births to persons resident of other states have been excluded, while deaths of Oklahoma residents in other states and births to residents of Oklahoma in other states have been included. Deaths of military personnel within the United States have been assigned to place of residence before induction. Within the state, births and deaths have been allocated to counties on the basis of residence and not occurrence as follows:

Deaths. Deaths from all causes including accidents are allocated to usual place of residence of the deceased. Deaths in hos-

bills, and deaths by important causes for the state as a whole and individually for the seventy-seven counties and the cities of Oklahoma City and Tulsa. Deaths have been classified for cause according to the 1938 Revision of the Manual of the International List of Causes of Death and Joint Causes of Death.

TABLE I. RESIDENT BIRTHS, DEATHS, AND DEATHS BY INFORMANT CAUSES, NUMBER AND RATE, BY COLOR, OKLAHOMA, 1945.

117,1560 plus 100.

Line No	Estimated population, July 1, 1945	TOTAL	2,070,721	WHITE	1,865,119	NON- WHITE	149,631	INDIAN	55,351
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
1	LIVE BIRTHS*	47,800	23.1	43,398	23.3	2,992	20.0	1,420	25.4
2	Physician in hospital	20,180	—	27,678	—	502	—	1,000	—
3	Physician in home	17,054	—	15,188	—	1,566	—	290	—
4	Midwife, other or unknown	1,756	—	592	—	112	—	120	—
5	Stillbirths †	928	19.4	286	—	31	—	26	16.3
6	Physician in hospital	—	—	—	—	374	—	—	—
7	Midwife, other or unknown	—	—	—	—	59	—	22	—
8	Total deaths, all causes‡	19,765	9.5	17,940	9.2	2,024	13.5	621	26.2
9	Total deaths, all causes§	19,765	9.5	17,740	9.0	233	77.9	104	11.6
10	Death under 1 year¶	1,273	10.5	1,118	9.8	55	40.8	33	73.2
11	Death under 1 month ‖	1,273	11.1	1,118	10.8	6	4.0	3	5.4
12	Typhoid, paratyphoid fevers (1,2)	24	23.5	14	22.7	1	7.7	3	18.6
13	Unsanitary fever (5)	—	—	—	—	1	—	54	—
14	Non-malaria fever (6)	63	14.2	52	14.2	1	7.7	3	17.9
15	Spontaneous abortion (6)	65	15.2	55	15.2	5	35.7	—	—
16	Diphtheria (6)	52	12.2	42	12.2	1	—	—	—
17	Measles (11)	52	12.2	42	12.2	1	—	—	—
18	Measles (11)	52	12.2	42	12.2	1	—	—	—
19	Measles, all forms (13-22)	93	19.9	86	19.9	1	—	—	—
20	Respiratory system (26)	93	19.9	86	19.9	1	—	—	—
21	Influenza (26)	93	19.9	86	19.9	1	—	—	—
22	Diphtheria (27)	58	94	42	72	5	3.3	—	—
23	Malaria (28)	53	90	14	20	1	7	12.5	—
24	Syphilis (30)	25	211	10.2	191	7.3	3	54	—
25	Influenza (33)	25	216	14.3	239	12.8	4	28.7	—
26	Smallpox (34)	—	—	4	2.2	—	—	—	—
27	Measles (35)	19	108	1.0	19	1.0	3	20.7	3
28	Acute poliomyelitis and acute poliomyelitis (36)	39	392	18.7	39	18.7	3	54	10
29	Acute infectious mononucleosis (37)	24	33	1.6	33	1.8	—	—	—
30	Honey Mountain Mountain River (39)	2	1	2	1	—	—	—	—
31	Other infectious and parasitic diseases (40-49)	26	256	4.4	20	1.1	28.7	17	30.4
32	Conjunctivitis (49)	26	201	9.1	178	9.1	27.4	16	28.6
33	Other tumors (46-57)	—	—	—	—	—	—	—	—
34	Acute rheumatic fever (58)	19	108	1.2	19	1.0	3	20.7	3
35	Diabetes mellitus (63)	39	392	18.7	39	18.7	3	54	10
36	Poliomyelitis (69)	39	392	18.7	39	18.7	3	54	10
37	Other diseases of nutrition, endocrine glands, and metabolism (60-67)	2	1	2	1	—	—	—	—
38	Diseases of the blood and blood-forming organs (72-76)	77	3.7	71	3.8	5	3.3	1	1.8
39	Chronic poisoning and intoxication (77-79)	165	8.0	160	8.6	3	2.0	2	3.6
40	Other diseases of the respiratory system (107-109)	24	1.2	21	1.1	—	—	3	5.4
41	Other diseases of the respiratory system (109-116, 110-118)	96	9.6	87	9.4	—	—	36	64.3
42	Other diseases of the respiratory system (110-116, 110-118)	24	2.0	18	1.8	185	125.6	7	12.5
43	Other diseases of the respiratory system (110-116, 110-118)	24	2.0	18	1.8	19	12.7	7	12.6
44	Other diseases of the respiratory system (110-116, 110-118)	24	2.0	18	1.8	348	232.5	6	5.4
45	Other diseases of the respiratory system (110-116, 110-118)	24	2.0	18	1.8	348	232.5	6	5.4
46	Other diseases of the respiratory system (110-116, 110-118)	24	2.0	18	1.8	348	232.5	6	5.4
47	Diarrhea & enteritis (119-121)	239	11.1	198	10.6	26	17.4	5	8.9
48	Appendicitis (121)	239	11.1	198	10.6	47	40.7	15	8.9
49	Diverticulitis (121)	239	11.1	198	10.6	16	10.7	20	5.6
50	Arthritis, infectious (122)	170	109	166	6.3	29	12.7	6	6.9
51	Orchitis of the liver (128)	115	5.6	98	5.3	11	7.4	6	10.7
52	Other diseases of the liver (128)	115	5.6	98	5.3	11	7.4	6	10.7
53	Other diseases of the liver (128)	108	4.6	92	3.0	6	4.0	1	1.5
54	Pneumonia, all forms (107-109)	108	4.6	92	3.0	6	4.0	1	1.5
55	Other diseases of the respiratory system (110-116, 110-118)	26	10.9	20	10.9	18	12.0	14	7.1
56	Other diseases of the respiratory system (110-116, 110-118)	26	10.9	20	10.9	18	12.0	14	7.1
57	Other diseases of the respiratory system (110-116, 110-118)	26	10.9	20	10.9	18	12.0	14	7.1
58	Other diseases of the respiratory system (110-116, 110-118)	26	10.9	20	10.9	18	12.0	14	7.1
59	Salmonella (15-16)	156	13.9	135	11.1	29	32.2	32	55.4
60	Escherichia (15-16)	156	13.9	135	11.1	29	32.2	32	55.4
61	Motor vehicle accidents (17-19)	152	29	142	26	26	17.4	5	8.9
62	Other accidents (159-175)	152	29	142	26	26	17.4	5	8.9
63	Other defined causes (59, 159-175)	152	29	142	26	26	17.4	5	8.9
64	Other defined causes (159, 200)	57	4.1	72	3.9	9	6.0	4	5.4
65	All defined and unknown (159, 200)	57	4.1	72	3.9	9	6.0	4	5.4

* Rates from specific causes represent number per 100,000 estimated population.
 ** Rates represent number per 1,000 estimated population.
 † Rates represent number per 1,000 live births.

TABLE III. RESIDENT BIRTHS, DEATHS, AND DEATHS IN INFECTIVE CAUSES, NUMBER BY COLOR, AND RATES FOR OKLAHOMA CITY AND TULSA, 1943.

Line No.	OKLAHOMA CITY						TULSA					
	Total 270,000	White	Color	Total 180,200	White	Color	Total No.	Rate	No.	Rate	No.	Rate
1 Live Births*, all colors	525	30	295	393	28	300	22,3	362	293	36	362	36
2 Physician in hospital	4747	—	4684	37	356	—	3516	—	3382	132	32	34
3 Physician in home	537	—	281	25	1	—	318	—	308	126	35	—
4 Midwife, other, or unknown	11	—	9	—	—	—	—	—	1	35	—	—
5 Stillbirths	90	17,0	—	72	13	—	83	20,6	69	14	—	—
6 Physician in hospital	—	—	—	—	—	—	70	—	63	7	—	—
7 Physician in home	8	—	5	3	—	—	12	—	6	—	—	—
8 Midwife, other, or unknown	—	—	—	—	—	—	—	—	—	—	—	—
9 Total deaths, all causes	2075	9,0	1832	236	7	107	9,1	144	287	6	—	—
10 Deaths under 1 month f.	247	46,6	217	28	1	176	43,8	198	—	11	5	—
11 Deaths under 1 month f.	174	32,9	155	19	—	122	30,4	107	—	10	10	—
12 Pneumonia, paroxysmal fevers (12)	2	1	—	1	—	—	—	—	—	—	—	—
13 Influenza, grippe (6)	2	9	2	—	—	—	—	—	—	—	—	—
14 Other acute respiratory diseases (6)	—	—	—	—	—	—	—	—	—	—	—	—
15 Pharyngitis, laryngitis, tracheobronchitis (9)	—	—	—	—	—	—	—	—	—	—	—	—
16 Bronchitis (10)	—	—	—	—	—	—	—	—	—	—	—	—
17 Pharyngitis, laryngitis, tracheobronchitis (10)	—	—	—	—	—	—	—	—	—	—	—	—
18 Pharyngitis, laryngitis, tracheobronchitis (11)	—	—	—	—	—	—	—	—	—	—	—	—
19 Pulmonitis, all forms (13-22)	74	32,2	46	16	1	77	42,7	57	80	—	—	—
20 Respiratory system (1)	60	26,1	46	13	1	71	39,4	53	58	—	—	—
21 Tracheitis (26)	—	—	—	—	—	—	—	—	—	—	—	—
22 Diphthery (27)	—	—	—	—	—	—	—	—	—	—	—	—
23 Scarletina (28)	—	—	—	—	—	—	—	—	—	—	—	—
24 Smallpox (34)	—	—	—	—	—	—	—	—	—	—	—	—
25 Measles (35)	—	—	—	—	—	—	—	—	—	—	—	—
26 Acute poliomyelitis and acute polioencephalitis (36)	2	9	2	—	—	—	—	—	—	—	—	—
27 Acute infectious meningo-encephalitis (37)	—	—	—	—	—	—	—	—	—	—	—	—
28 Other acute infectious fever (38)	—	—	—	—	—	—	—	—	—	—	—	—
29 Other acute respiratory diseases (39)	—	—	—	—	—	—	—	—	—	—	—	—
30 Gastroenteritis (40-43)	218	92,2	200	11	1	179	99,3	165	16	—	—	—
31 Other enteritis (44-47)	11	1,3	2	1	—	10	2	1,1	2	—	—	—
32 Acute rheumatic fever (48)	41	17,8	35	6	—	33	18,3	31	2	—	—	—
33 Diabetes mellitus (49)	4	1,3	3	—	—	—	—	—	—	—	—	—
34 Polyuria (50)	—	—	—	—	—	—	—	—	—	—	—	—
35 Other diseases of nutrition, endocrine glands, and avitaminoses (50-63, 70-71)	8	3,5	8	—	—	—	—	—	—	—	—	—
36 Diseases of the blood and blood forming organs (72-76)	27	11,7	26	1	—	18	10,0	18	—	—	—	—
37 Otitis, poisoning and intoxication (77-79)	3	1,3	3	—	—	4	2,2	3	—	—	—	—
38 Central hemorrhage, embolism, thrombosis, and embolism (80-83)	205	89,1	184	20	1	175	97,1	146	26	3	—	—
39 Other diseases of the heart (84-87)	—	—	—	—	—	—	—	—	—	—	—	—
40 Diseases of the arteries (88-91)	22	9,6	21	1	—	18	10,0	18	—	—	—	—
41 Diseases of the heart (92-95)	513	23,1	46	46	1	3	34	24	—	—	—	—
42 Diseases of the circulatory system (100-103)	37	16,1	37	—	—	—	—	—	—	—	—	—
43 Other diseases of the respiratory system (107-109)	10	5	47,8	82	28	—	4	2,2	15	—	—	—
44 Other diseases of the respiratory system (110-116, 118-119)	33	14,3	26	7	—	14	7,8	11	3	—	—	—
45 Bronchitis, all forms (117-120)	52	22	47	5	—	42	10,0	18	—	—	—	—
46 Other diseases of the respiratory system (120-124)	33	14,3	26	7	—	14	7,8	11	3	—	—	—
47 Other diseases of the respiratory system (125-128)	33	14,3	26	7	—	14	7,8	11	3	—	—	—
48 Other diseases of the respiratory system (129-132)	33	14,3	26	7	—	14	7,8	11	3	—	—	—
49 Diarrhea, intestinal obstruction (132)	32	6,3	5	—	—	—	—	—	—	—	—	—
50 Diarrhea, intestinal obstruction (132)	13	5,7	11	2	—	14	2,2	4	—	—	—	—
51 Diarrhea, intestinal obstruction (132)	—	—	—	—	—	—	—	—	—	—	—	—
52 Enteritis, diseases of the digestive system (135-138)	22	5,7	48	9	—	35	19,4	30	5	—	—	—
53 Enteritis, diseases of the digestive system (135-138)	51	5,7	48	9	—	35	19,4	30	5	—	—	—
54 Enteritis, diseases of the digestive system (135-138)	95	11,3	78	17	—	107	59,4	72	55	—	—	—
55 Enteritis, diseases of the digestive system (135-138)	25	10,9	22	3	—	15	8,3	11	4	—	—	—
56 Enteritis, diseases of the digestive system (135-138)	16	3,0	9	7	—	11	2,2	4	—	—	—	—
57 Enteritis, diseases of the digestive system (135-138)	—	—	—	—	—	—	—	—	—	—	—	—
58 Enteritis, diseases of the digestive system (135-138)	—	—	—	—	—	—	—	—	—	—	—	—
59 Enteritis, diseases of the digestive system (135-138)	—	—	—	—	—	—	—	—	—	—	—	—
60 Motor vehicle accidents (140-143)	17	1,7	44	29	—	14	2,6	6	—	—	—	—
61 Motor vehicle accidents (140-143)	112	46,7	106	6	—	14	16,1	24	6	—	—	—
62 Other accidents (140-143)	112	46,7	106	6	—	14	16,1	24	6	—	—	—
63 Other defined causes (144-149)	59	12,6	25	4	—	4	2,2	4	—	—	—	—
64 Ill-defined and unknown (149-150)	28	12,6	25	4	—	36	5	—	—	—	—	—

See notes on Table I.

TABLE IV. DEATHS UNDER ONE YEAR BY CAUSE, BY COLOR, OKLAHOMA, 1943.

Cause of Death	INFANT DEATHS			
	Total	White	Negro	Indian
Total, all causes (1 - 200)	2071	1174	233	104
Infectious and parasitic diseases	182	134	21	27
Diseases of the respiratory system	305	219	59	27
Diseases of the digestive system	415 - 419	119	117	13
Congenital malformations (45)	67	51	12	5
Premature birth (159)	669	593	46	11
Jury of one (160-161)	137	127	9	1
Abortion (162)	7	1	—	—
Other defined causes (163 - 200)	43	22	18	4
All defined and unknown (159 - 200)	43	27	11	2

TABLE V. DEATHS UNDER ONE MONTH BY CAUSE, BY COLOR, OKLAHOMA, 1943.

Cause of Death	MATERNAL DEATHS			
	Total	White	Negro	Indian
All maternal causes (140 - 160)	109	79	7	7
Abortion with mention of infection (140)	3	2	1	1
Abortion without mention of infection (140)	—	—	—	—
Ectopic gestation (142)	8	5	2	—
Fœtus or embryo of pregnancy (143)	13	12	1	—
Other diseases and accidents of pregnancy (144)	2	2	—	—
Pregnancy (145)	—	—	—	—
Puerperium (146)	19	13	3	3
Puerperal toxemias (146)	9	6	2	1
Other accidents and specified conditions (147)	29	21	6	2
Other diseases or childbirth and the puerperium (148)	11	7	3	1
Other and unspecified conditions of childbirth (149)	7	5	2	—

See notes on Table I.

TABLE VII. RESIDENT DEATHS BY IMPORTANT CAUSES, BY AGE AT DEATH, OKLAHOMA, 1943.

Cause of Death	AGE AT DEATH									Number of Deaths or Total	Per Cent of Total
	All Ages	Under 1	1-4	5-9	10-14	15-24	25-34	35-44	Up- to 64		
Total deaths, all causes	19,761	462	213	211	760	791	1,160	4,985	9,147	145	22.1
Symphilitic paratyphoid fever	23	1	3	1	1	4	7	2	2	3	10.3
Malaria	5	3	6	3	2	5	4	3	4	3	9.9
Neurosyphilis meningitis	6	1	3	2	3	5	3	1	1	1	7.1
Scarlet fever	8	6	17	5	1	1	1	1	1	1	6.4
Whooping cough	9	17	17	5	1	1	1	1	1	1	6.3
Diphtheria	10	2	17	5	1	1	1	1	1	1	5.7
Bryozoaria	11	7	15	10	10	14	172	268	1	2	1
Tuberculosis, all forms	13-22	1	3	5	8	149	149	174	249	2	1
Respiratory system	13	1	3	1	1	1	1	1	1	1	1
Tularemia	26a	1	1	1	1	1	1	1	1	1	1
Dysentery	27	1	1	1	1	1	1	1	1	1	1
Measles	28	30	11	14	1	1	1	1	1	1	10.5
Syphilis	29	3	4	1	1	1	1	1	1	1	7.3
Influenza	33	13	2	3	3	7	5	13	52	2	12.6
Smallpox	34	14	18	3	1	1	1	1	1	1	7.3
Measles	35	4	1	2	1	1	1	1	1	1	4.6
Acute poliomyelitis and acute											
poliomyelitis	36	1	1	1	1	1	1	1	1	1	2.6
Acute infectious encephalitis	37	1	1	1	1	1	1	1	1	1	2.1
Rocky Mountain spotted fever	38a	2	1	1	1	1	1	1	1	1	2.1
Other infections and parasitic diseases	39	12	23	25	26	40	44	44	44	44	22.1
Cancer	45-55	31-36	35a	36	39a	39d	40-44	45	45	45	23.2
Other tumors	46-57	108	2	6	8	8	11	12	12	12	10.5
Acute rheumatic fever	58	25	1	1	1	1	1	1	1	1	5.7
Diabetes mellitus	61	48	1	1	1	1	1	1	1	1	5.1
Pellagra	65	1	1	1	1	1	1	1	1	1	2.1
Other diseases of nutrition, endocrinology, glands, and excretions	66-85	10	1	2	1	1	1	1	1	1	4.6
Diseases of the circulatory blood	86-95	77	16	1	2	1	1	1	1	1	3.6
Ischemic disease	96-105	165	10	11	9	7	9	12	10	10	2.6
Omphalitis, poisoning and intoxication	106-115	24	1	1	1	1	1	1	1	1	1
Cerebral hemorrhage, embolism,	116-125	28d	1	1	1	1	1	1	1	1	1
Cerebral hemorrhage, thrombosis, softening	126-135	93	2	1	1	1	1	1	1	1	1
Other diseases of the respiratory system	136-145	258	16	9	11	15	14	28	33	33	9.1
and nervous system	146-155	472	14	16	9	11	15	14	11	11	7.5
Diseases of the heart and vessels of the circulatory system	156-165	357	1	1	1	1	1	1	1	1	3.6
Other diseases of the circulatory system	166-175	63	291	82	1	1	1	1	1	1	1
Other diseases of the digestive system	176-185	226	34	16	4	4	4	5	14	14	5.7
Other diseases of the liver	186-195	226	14	16	7	7	7	7	7	7	3.6
Other diseases of the kidney	196-205	143	126	17	17	15	14	16	127	127	5.5
Diseases & accidents under 27 years (115)	206-215	472	14	16	9	11	15	14	11	11	4.8
Diseases & accidents over 27 years (120)	216-225	357	1	1	1	1	1	1	1	1	1
Appendicitis	226-235	164	1	3	12	19	23	19	37	37	19.7
Tonsillitis, intestinal obstruction	236-245	178	9	6	5	10	14	13	47	47	6.3
Otitis media of the liver	246-255	115	1	1	1	1	1	1	1	1	8.3
Other diseases of the digestive system	256-265	408	13	15	4	11	20	29	42	42	3.9
Reproductive organs	266-275	158	1	1	1	1	1	1	1	1	2.0
Other diseases of the genital urinary system	276-285	229	4	1	1	2	6	10	14	14	3.1
Diseases of pregnancy, childbirth, and the puerperium	286-295	109	1	1	1	1	1	1	1	1	1.3
Septicemia	296-305	15	1	1	1	1	1	1	1	1	1.3
Congenital malformations, diseases peculiar to first year of life (157-161)	306-315	152	121b	19	7	3	5	11	13	13	2.6
Smilley (162)	316-325	153	15	4	5	11	23	29	42	42	3.6
Scoliosis (163-164)	326-335	154	1	1	1	1	1	1	1	1	1.3
Homicide	336-345	155	1	1	1	1	1	1	1	1	1.3
Motor vehicle accidents	346-355	156	2	13	15	15	23	24	36	36	4.6
Motor vehicle accidents	356-365	157	59	13	15	15	15	15	15	15	3.6
Other accidents	366-375	117	117	117	117	117	117	117	117	117	11.7
Other definite causes	376-385	84	3	5	3	3	3	3	3	3	3.6
III defined and unknown	386-395	557	76	5	3	3	3	3	3	3	3.6

TABLE VIII. LEADING CAUSES OF DEATH BY COLOR, OKLAHOMA, 1943.

Cause of Death	AGE AT DEATH									Number of Deaths or Total	Per Cent of Total
	All Ages	Under 1	1-4	5-9	10-14	15-24	25-34	35-44	Up- to 64		
Total, All Colors										1,572	22.1
Heart disease										1,514	10.3
Cerebral hemorrhage, embolism, thrombosis, softening										1,141	7.1
Cancer										1,256	6.4
All accidents										1,250	6.3
Nephritis										959	5.7
Congenital malformations and diseases peculiar to the first year of life										959	5.7
Pneumonia										959	5.7
Tuberculosis										636	4.6
White											
Heart disease										396	23.2
Cerebral hemorrhage, embolism, thrombosis, softening										187	10.6
Cancer										179	10.5
All accidents										125	7.3
Congenital malformations and diseases peculiar to the first year of life										123	7.1
Nephritis										107	6.6
Pneumonia										107	6.6
Tuberculosis										636	3.6
Indian											
Tuberculosis										128	19.7
Heart disease										63	8.3
Pneumonia										54	8.3
Cancer										39	6.0
All accidents										37	5.7
Cerebral hemorrhage, embolism, thrombosis, softening										36	5.5
Nephritis										31	4.8
Congenital malformations and diseases peculiar to the first year of life										28	4.7